

CHEMICAL PROPERTIES OF THE SOILS
East Baton Rouge Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
CaB:									
CAHABA-----	0-10	7-17	---	---	4.5-6.0	---	---	---	---
	10-26	18-35	---	---	4.5-6.0	---	---	---	---
	26-52	4-20	---	---	4.5-6.0	---	---	---	---
Cc:									
CALHOUN-----	0-12	10-27	---	4.0-15	3.6-6.0	---	---	---	---
	12-30	22-35	---	5.0-25	3.6-5.5	---	---	---	---
	30-42	10-30	5.0-25	---	3.6-7.8	---	---	---	---
Cf:									
CALHOUN-----	0-12	10-27	---	4.0-15	3.6-6.0	---	---	---	---
	12-30	22-35	---	5.0-25	3.6-5.5	---	---	---	---
	30-60	10-30	5.0-25	---	3.6-7.8	---	---	---	---
BONN-----	0-16	5-18	---	---	4.5-7.3	---	---	---	---
	16-42	18-35	---	---	5.6-9.0	---	---	---	---
	42-64	15-35	---	---	6.6-9.0	---	---	---	---
FOUNTAIN-----	0-10	10-38	---	---	5.6-7.8	---	---	---	---
	10-51	18-35	---	---	6.6-8.4	---	---	---	---
	51-75	14-27	---	---	6.6-8.4	---	---	---	---
Cl:									
CASCILLA-----	0-7	5-20	---	---	4.5-5.5	---	---	---	---
	7-59	18-30	---	---	4.5-5.5	---	---	---	---
	59-72	5-25	---	---	4.5-5.5	---	---	---	---
Co:									
COMMERCE-----	0-20	14-27	5.0-15	---	5.6-8.4	---	---	---	---
	20-34	14-39	10-30	---	6.1-8.4	---	---	---	---
	34-51	14-39	10-40	---	6.6-8.4	---	---	---	---
Cr:									
CREVASSE-----	0-8	5-12	---	---	5.6-8.4	---	---	---	---
	8-48	2-8	---	---	5.6-8.4	---	---	---	---
De:									
DEERFORD-----	0-10	5-27	5.0-15	---	4.5-6.5	---	---	---	---
	10-34	10-35	5.0-25	---	4.5-8.4	---	---	---	13-20
	34-90	10-35	5.0-25	---	6.6-8.4	---	---	---	13-20
DfA:									
DEERFORD-----	0-10	5-27	5.0-15	---	4.5-6.5	---	---	---	---
	10-34	10-35	5.0-25	---	4.5-8.4	---	---	---	13-20
	34-60	10-35	5.0-25	---	6.6-8.4	---	---	---	13-20
OLIVIER-----	0-9	8-18	5.0-15	---	4.5-6.5	---	---	---	---
	9-30	18-35	5.0-25	5.0-25	4.5-5.5	---	---	---	---
	30-80	14-27	5.0-15	---	4.5-7.3	---	---	---	---
DfB:									
DEERFORD-----	0-10	5-27	5.0-15	---	4.5-6.5	---	---	---	---
	10-34	10-35	5.0-25	---	4.5-8.4	---	---	---	13-20
	34-90	10-35	5.0-25	---	6.6-8.4	---	---	---	13-20
OLIVIER-----	0-9	8-18	5.0-15	---	4.5-6.5	---	---	---	---
	9-30	18-35	5.0-25	5.0-25	4.5-5.5	---	---	---	---
	30-80	14-27	5.0-15	---	4.5-7.3	---	---	---	---
Dn:									
DEERFORD-----	0-6	5-27	5.0-15	---	4.5-6.5	---	---	---	---
	6-49	10-35	5.0-25	---	4.5-8.4	---	---	---	13-20
	49-60	10-35	5.0-25	---	6.6-8.4	---	---	---	13-20
VERDUN-----	0-6	5-20	---	---	5.6-7.8	---	---	---	---
	6-35	18-35	---	---	5.6-8.4	---	---	---	---
	35-60	15-35	---	---	7.9-9.0	---	---	---	---
DrA:									
DEXTER-----	0-7	10-27	5.0-15	---	4.5-7.3	---	---	---	---
	7-30	10-27	---	5.0-15	4.5-6.0	---	---	---	---
	30-52	10-35	---	8.0-25	4.5-6.0	---	---	---	---
	52-66	10-30	---	2.0-20	4.5-6.0	---	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued
East Baton Rouge Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
DrB:									
DEXTER-----	0-7	10-27	5.0-15	---	4.5-7.3	---	---	---	---
	7-30	10-27	---	5.0-15	4.5-6.0	---	---	---	---
	30-52	10-35	---	8.0-25	4.5-6.0	---	---	---	---
	52-66	10-30	---	2.0-20	4.5-6.0	---	---	---	---
DuA:									
DUNDEE-----	0-7	10-30	---	---	4.5-6.0	---	---	---	---
	7-24	18-34	---	---	4.5-6.0	---	---	---	---
	24-60	18-25	---	---	4.5-7.3	---	---	---	---
AMAGON-----	0-6	12-25	10-20	---	4.5-6.5	---	---	---	---
	6-30	18-35	10-25	---	4.5-6.5	---	---	---	---
	30-60	20-35	10-25	---	5.1-7.8	---	---	---	---
DuB:									
DUNDEE-----	0-7	10-30	---	---	4.5-6.0	---	---	---	---
	7-24	18-34	---	---	4.5-6.0	---	---	---	---
	24-60	18-25	---	---	4.5-7.3	---	---	---	---
AMAGON-----	0-6	12-25	10-20	---	4.5-6.5	---	---	---	---
	6-30	18-35	10-25	---	4.5-6.5	---	---	---	---
	30-60	20-35	10-25	---	5.1-7.8	---	---	---	---
DyB:									
DUNDEE-----	0-7	10-30	---	---	4.5-6.0	---	---	---	---
	7-24	18-34	---	---	4.5-6.0	---	---	---	---
	24-60	18-25	---	---	4.5-7.3	---	---	---	---
TENSAS-----	0-7	40-60	---	20-40	4.5-6.0	---	---	---	---
	7-22	40-60	---	20-40	4.5-6.0	---	---	---	---
	22-60	10-39	5.0-25	---	5.1-7.3	---	---	---	---
SHARKEY-----	0-16	40-60	20-40	---	5.1-8.4	---	---	---	---
	16-30	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	30-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
En:									
ESSEN-----	0-6	10-26	5.0-10	---	5.1-7.3	---	---	---	---
	6-28	18-30	5.0-25	---	5.6-8.4	0-5	---	---	---
	28-75	18-30	5.0-25	---	7.4-8.4	0-5	---	---	---
Es:									
ESSEN-----	0-6	10-26	5.0-10	---	5.1-7.3	---	---	---	---
	6-28	18-30	5.0-25	---	5.6-8.4	0-5	---	---	---
	28-74	18-30	5.0-25	---	7.4-8.4	0-5	---	---	---
LAFE-----	0-13	10-25	5.0-20	---	5.1-6.5	---	---	---	---
	13-24	18-35	10-30	---	7.4-9.0	---	---	---	1-5
	24-60	12-50	10-35	---	7.9-9.0	---	---	---	1-5
Fn:									
FOUNTAIN-----	0-10	10-38	---	---	5.6-7.8	---	---	---	---
	10-45	18-35	---	---	6.6-8.4	---	---	---	---
	45-75	14-27	---	---	6.6-8.4	---	---	---	---
Fo:									
FOUNTAIN-----	0-10	10-38	---	---	5.6-7.8	---	---	---	---
	10-45	18-35	---	---	6.6-8.4	---	---	---	---
	45-75	14-27	---	---	6.6-8.4	---	---	---	---
BONN-----	0-16	5-18	---	---	4.5-7.3	---	---	---	---
	16-42	18-35	---	---	5.6-9.0	---	---	---	---
	42-64	15-35	---	---	6.6-9.0	---	---	---	---
Fr:									
FRED-----	0-9	12-25	---	---	5.6-8.4	---	---	---	---
	9-26	18-30	---	---	7.4-8.4	---	---	---	---
	26-75	15-27	---	---	7.4-8.4	---	---	---	---
Fs:									
FRED-----	0-10	12-25	---	---	5.6-8.4	---	---	---	---
	10-26	18-30	---	---	7.4-8.4	---	---	---	---
	26-75	15-27	---	---	7.4-8.4	---	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued
East Baton Rouge Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
DEERFORD-----	0-10	5-27	5.0-15	---	4.5-6.5	---	---	---	---
	10-34	10-35	5.0-25	---	4.5-8.4	---	---	---	13-20
	34-90	10-35	5.0-25	---	6.6-8.4	---	---	---	13-20
FvA:									
CALLOWAY-----	0-8	10-30	---	---	4.5-6.0	---	---	---	---
	8-24	10-32	---	---	4.5-6.0	---	---	---	---
	24-49	16-32	---	---	5.1-7.8	---	---	---	---
FvB:									
CALLOWAY-----	0-8	10-30	---	---	4.5-6.0	---	---	---	---
	8-24	10-32	---	---	4.5-6.0	---	---	---	---
	24-49	16-32	---	---	5.1-7.8	---	---	---	---
Fw:									
FROST-----	0-11	8-22	4.0-10	---	4.5-6.5	---	---	---	---
	11-90	18-35	4.0-25	---	4.5-8.4	0-5	---	---	---
Je:									
JEANERETTE-----	0-5	10-26	5.0-15	---	5.6-7.8	---	---	---	---
	5-30	18-35	5.0-30	---	6.6-8.4	0-2	---	---	---
	30-48	14-35	5.0-30	---	6.6-8.4	0-2	---	---	---
Jn:									
JEANERETTE	0-12	10-26	5.0-15	---	5.6-7.8	---	---	---	---
VARIANT-----									
	12-38	18-35	5.0-30	---	6.6-8.4	0-2	---	---	---
	38-48	14-35	5.0-30	---	6.6-8.4	0-2	---	---	---
Jr:									
JEANERETTE, LIGHT	0-12	10-26	5.0-15	---	5.6-7.8	---	---	---	---
CO-----									
	12-26	18-35	5.0-30	---	6.6-8.4	0-2	---	---	---
	26-90	14-35	5.0-30	---	6.6-8.4	0-2	---	---	---
Jt:									
JEANERETTE-----	0-5	10-26	5.0-15	---	5.6-7.8	---	---	---	---
	5-30	18-35	5.0-30	---	6.6-8.4	0-2	---	---	---
	30-60	14-35	5.0-30	---	6.6-8.4	0-2	---	---	---
FROST-----	0-11	8-22	4.0-10	---	4.5-6.5	---	---	---	---
	11-60	18-35	4.0-25	---	4.5-8.4	0-5	---	---	---
Jv:									
JEANERETTE,	0-12	10-26	5.0-15	---	5.6-7.8	---	---	---	---
LIGHT CO-----									
	12-26	18-35	5.0-30	---	6.6-8.4	0-2	---	---	---
	26-90	14-35	5.0-30	---	6.6-8.4	0-2	---	---	---
FROST-----	0-11	8-22	4.0-10	---	4.5-6.5	---	---	---	---
	11-90	18-35	4.0-25	---	4.5-8.4	0-5	---	---	---
La:									
LAFE-----	0-13	10-25	5.0-20	---	5.1-6.5	---	---	---	---
	13-24	18-35	10-30	---	7.4-9.0	---	---	---	1-5
	24-60	12-50	10-35	---	7.9-9.0	---	---	---	1-5
Lm:									
LOAMY ALLUVIAL	0-5	0-18	8.0-20	---	5.6-8.4	---	---	---	---
LAND-----									
	5-60	0-18	5.0-22	---	5.6-8.4	0-5	---	---	---
MHOON-----	0-5	14-27	4.0-10	---	6.1-7.8	---	---	---	---
	5-60	14-39	5.0-30	---	6.1-8.4	0-5	0-5	---	---
LoA:									
LORING-----	0-11	8-18	---	---	4.5-6.0	---	---	---	---
	11-22	18-32	---	---	4.5-6.0	---	---	---	---
	22-52	15-30	---	---	4.5-6.0	---	---	---	---
LoB:									
LORING-----	0-8	8-18	---	---	4.5-6.0	---	---	---	---
	8-21	18-32	---	---	4.5-6.0	---	---	---	---
	21-60	15-30	---	---	4.5-6.0	---	---	---	---

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East Baton Rouge Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
LoC2: LORING-----	0-7 7-17 17-60	8-18 18-32 15-30	--- --- ---	--- --- ---	4.5-6.0 4.5-6.0 4.5-6.0	--- --- ---	--- --- ---	--- --- ---	--- --- ---
LoD2: LORING-----	0-5 5-22 22-60	8-18 18-32 15-30	--- --- ---	--- --- ---	4.5-6.0 4.5-6.0 4.5-6.0	--- --- ---	--- --- ---	--- --- ---	--- --- ---
Ma: MADE LAND-----	---	---	---	---	---	---	---	---	---
MeA: MEMPHIS-----	0-8 8-36 36-58	8-22 20-35 12-25	--- --- ---	--- --- ---	4.5-6.0 4.5-6.0 4.5-6.0	--- --- ---	--- --- ---	--- --- ---	--- --- ---
MeB: MEMPHIS-----	0-9 9-24 24-60	8-22 20-35 12-25	--- --- ---	--- --- ---	4.5-6.0 4.5-6.0 4.5-6.0	--- --- ---	--- --- ---	--- --- ---	--- --- ---
MeD2: MEMPHIS-----	0-6 6-24 24-60	8-22 20-35 12-25	--- --- ---	--- --- ---	4.5-6.0 4.5-6.0 4.5-6.0	--- --- ---	--- --- ---	--- --- ---	--- --- ---
Mh: MHOON-----	0-6 6-60	27-45 14-39	15-40 15-40	--- ---	6.1-7.8 6.1-8.4	--- 0-5	--- ---	--- ---	--- ---
Mn: MHOON-----	0-8 8-60	27-45 14-39	15-40 15-40	--- ---	6.1-7.8 6.1-8.4	--- 0-5	--- ---	--- ---	--- ---
Ms: MHOON-----	0-6 6-60	27-45 14-39	15-40 15-40	--- ---	6.1-7.8 6.1-8.4	--- 0-5	--- ---	--- ---	--- ---
SHARKEY-----	0-16 16-30 30-60	40-60 60-90 25-90	20-40 20-40 5.0-40	--- --- ---	5.1-8.4 5.6-8.4 6.6-8.4	--- 0-5 0-5	--- --- ---	--- --- ---	--- --- ---
Oc: OCHLOCKONEE-----	0-6 6-36 36-60	3-18 8-18 3-18	--- --- ---	--- --- ---	4.5-6.5 4.5-5.5 4.5-5.5	--- --- ---	--- --- ---	--- --- ---	--- --- ---
OlA: OLIVIER-----	0-9 9-22 22-64	8-18 18-35 14-27	5.0-15 --- 5.0-15	--- 5.0-25 ---	4.5-6.5 4.5-5.5 4.5-7.3	--- --- ---	--- --- ---	--- --- ---	--- --- ---
OlB: OLIVIER-----	0-9 9-22 22-64	8-18 18-35 14-27	5.0-15 --- 5.0-15	--- 5.0-25 ---	4.5-6.5 4.5-5.5 4.5-7.3	--- --- ---	--- --- ---	--- --- ---	--- --- ---
PrB: PROVIDENCE-----	0-11 11-22 22-74 53-60	5-12 18-30 20-30 10-27	--- --- --- ---	--- --- --- ---	4.5-6.0 4.5-6.0 4.5-6.0 4.5-6.0	--- --- --- ---	--- --- --- ---	--- --- --- ---	--- --- --- ---
Sc: SHARKEY-----	0-16 16-30 30-48	40-60 60-90 25-90	20-40 20-40 5.0-40	--- --- ---	5.1-8.4 5.6-8.4 6.6-8.4	--- 0-5 0-5	--- --- ---	--- --- ---	--- --- ---
Sh: SHARKEY-----	0-10 10-30 30-60	27-35 60-90 25-90	10-25 20-40 5.0-40	--- --- ---	5.1-8.4 5.6-8.4 6.6-8.4	--- 0-5 0-5	--- --- ---	--- --- ---	--- --- ---

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Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Sk:									
SHARKEY-----	0-9	40-60	20-40	---	5.1-8.4	---	---	---	---
	9-42	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	42-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
TUNICA-----	0-7	35-75	---	---	5.6-7.8	---	---	---	---
	7-28	35-75	---	---	5.6-7.8	---	---	---	---
	28-48	10-32	---	---	5.6-8.4	---	---	---	---
Sm:									
SHARKEY-----	0-8	40-60	20-40	---	5.1-8.4	---	---	---	---
	8-30	60-90	20-40	---	5.1-8.4	0-5	---	---	---
	30-60	25-90	10-40	---	6.6-8.4	0-5	---	---	---
TUNICA-----	0-8	35-75	---	---	5.6-7.8	---	---	---	---
	8-24	35-75	---	---	5.6-7.8	---	---	---	---
	24-60	10-32	---	---	5.6-8.4	---	---	---	---
SmB:									
SHARKEY-----	0-16	40-60	20-40	---	5.1-8.4	---	---	---	---
	16-30	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	30-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
TUNICA-----	0-8	35-75	---	---	5.6-7.8	---	---	---	---
	8-19	35-75	---	---	5.6-7.8	---	---	---	---
	19-60	10-32	---	---	5.6-8.4	---	---	---	---
So:									
SMOOTHED LAND---	---	---	---	---	---	---	---	---	---
Sp:									
SPRINGFIELD----	0-12	5-20	---	5.0-10	4.5-6.0	---	---	---	---
	12-23	40-60	---	20-40	4.5-6.0	---	---	---	---
	23-68	20-38	5.0-25	---	5.6-8.4	---	---	---	---
Sr:									
SPRINGFIELD----	0-12	5-20	---	5.0-10	4.5-6.0	---	---	---	---
	12-30	40-60	---	20-40	4.5-6.0	---	---	---	---
	30-60	20-38	5.0-25	---	5.6-8.4	---	---	---	---
OLIVIER-----	0-10	8-18	5.0-15	---	4.5-6.5	---	---	---	---
	10-22	18-35	---	5.0-25	4.5-5.5	---	---	---	---
	22-60	14-27	5.0-15	---	4.5-7.3	---	---	---	---
Te:									
TERRACE ESCARPMENTS----	---	---	---	---	---	---	---	---	---
Tn:									
TUNICA-----	0-8	35-75	---	---	5.6-7.8	---	---	---	---
	8-20	35-75	---	---	5.6-7.8	---	---	---	---
	20-60	10-32	---	---	5.6-8.4	---	---	---	---
Ts:									
TUNICA-----	0-8	35-75	---	---	5.6-7.8	---	---	---	---
	8-22	35-75	---	---	5.6-7.8	---	---	---	---
	22-60	10-32	---	---	5.6-8.4	---	---	---	---
SHARKEY-----	0-8	40-60	20-40	---	5.1-8.4	---	---	---	---
	8-19	60-90	20-40	---	5.6-8.4	0-5	---	---	---
	19-60	25-90	5.0-40	---	6.6-8.4	0-5	---	---	---
Vd:									
VERDUN-----	0-6	5-20	---	---	5.6-7.8	---	---	---	---
	6-35	18-35	---	---	5.6-8.4	---	---	---	---
	35-60	15-35	---	---	7.9-9.0	---	---	---	---
Ve:									
VERDUN-----	0-10	5-20	---	---	5.6-7.8	---	---	---	---
	10-35	18-35	---	---	5.6-8.4	---	---	---	---
	35-60	15-35	---	---	7.9-9.0	---	---	---	---
DEERFORD-----	0-10	5-27	5.0-15	---	4.5-6.5	---	---	---	---
	10-49	10-35	5.0-25	---	4.5-8.4	---	---	---	13-20
	49-60	10-35	5.0-25	---	6.6-8.4	---	---	---	13-20

CHEMICAL PROPERTIES OF THE SOILS--Continued
 East Baton Rouge Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
Vf:									
VERDUN-----	0-7	5-20	---	---	5.6-7.8	---	---	---	---
	7-35	18-35	---	---	5.6-8.4	---	---	---	---
	35-60	15-35	---	---	7.9-9.0	---	---	---	---
FRED-----	0-10	12-25	---	---	5.6-8.4	---	---	---	---
	10-24	18-30	---	---	7.4-8.4	---	---	---	---
	24-60	15-27	---	---	7.4-8.4	---	---	---	---
Wf:									
WAVERLY-----	0-10	6-18	---	---	4.5-5.5	---	---	---	---
	10-60	10-18	---	---	4.5-5.5	---	---	---	---
FALAYA-----	0-12	6-18	---	---	4.5-5.5	---	---	---	---
	12-60	6-32	---	---	4.5-5.5	---	---	---	---
Za:									
ZACHARY-----	0-28	5-15	---	---	4.5-6.0	---	---	---	---
	28-50	27-35	---	---	4.5-6.0	---	---	---	---
	50-60	15-35	---	---	4.5-6.0	---	---	---	---